-Temp SiO2 ---- T mp Al ----Temp H2 ဓ Molar Ratio of diluent to germane 1000 _T P ak Temp ratur in C Isius

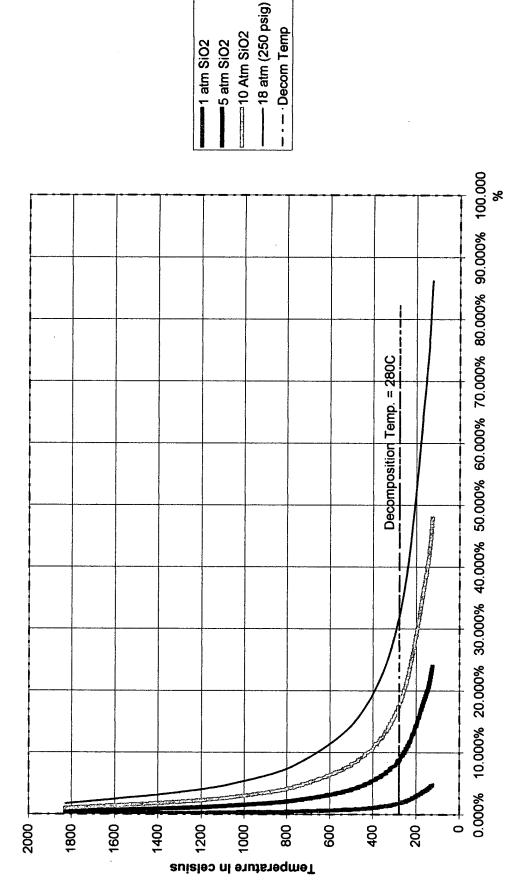
Fig 1a: Dilution Effect of Al,SiO2 and H2 on molar Basis

Weight ratio of Diluent to Germane P ak Temperature in Germane

Fig 1b: Weight ratio of Diluents

10 Atm SiO2 -- H2 all Press. -1 atm SiO2 ■5 atm SiO2 ---- 10 atm Al ---- 1 atm Al ---- 5 atm Al Fig 1c : Effect of Diluent and Pressure on Volume % of Enclosure Needed for Diluent 120.000% 100.000% 80.000% Volume % occupied by Diluent 60.000% 40.000% 20.000% 0.000% 1000 0 006 8 200 8 200 8 300 200 100 Temperature in celsius

Fig 1d: Effect of Pressure on Volume % of Enclosure Needed for Silica Diluent when Handling Acetylene



Volume % occupied by Silica Diluent

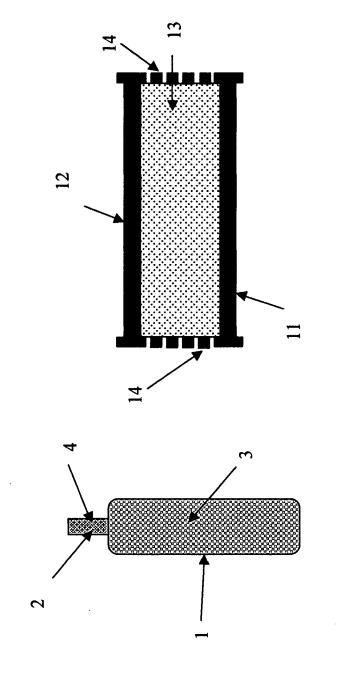


Fig 2 b Horizontal pipe

Fig 2 a Gas Cylinder

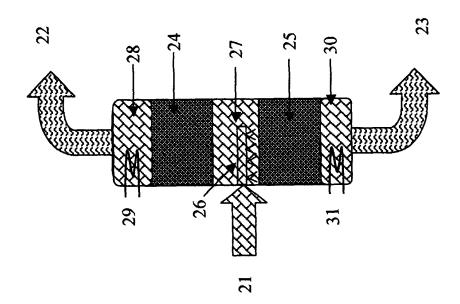


Fig 3 b Safe Distillation Column

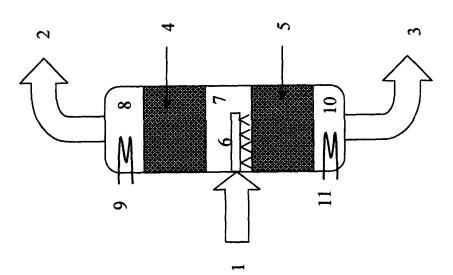


Fig 3a Standard Packed Distillation

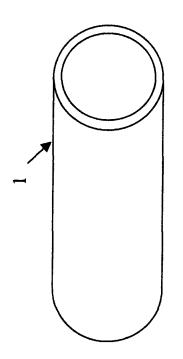


Fig 4a. Cut Tube

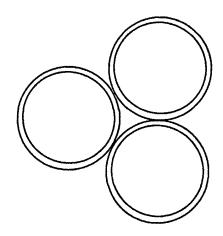


Fig 4a. Compact Packing

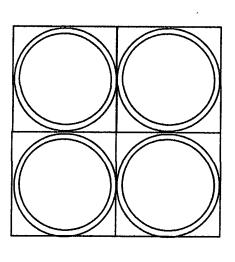


Fig 4a. Loose Packing